

# **Electrically Conductive Adhesives Market by Type, Chemistry (Epoxy, Silicone, Acrylic, Polyurethane), Application (Automotive, Aerospace, Consumer Electronics, Biosciences), Filler Material - Global Forecast to 2021**

<https://marketpublishers.com/r/E562A8D3147EN.html>

Date: November 2016

Pages: 131

Price: US\$ 5,650.00 (Single User License)

ID: E562A8D3147EN

## **Abstracts**

“Growing use of electronic components across various applications drives the electrically conductive adhesives market”

The global electrically conductive adhesives market is projected to reach USD 2.53 billion by 2021 at a CAGR of 8.48%. In this technologically advanced era, various industries such as automotive, biosciences, aerospace are increasingly making use of electronic gadgets for advancements and precisions in their products. This increase in use drives the growth of this market. Whereas, high raw material costs and the volatile nature of the feedstock hampers the market growth. Moreover, stringent regulations related to volatile organic compound (VOC) emissions also prove a restraint for this market. •

“Biosciences: The fastest growing application segment in the electrically conductive adhesives market”

The bioscience application is the fastest growing segment of the global electrically conductive adhesives market. The high growth is attributed to the use of ECAs for numerous applications such as, displays and touchscreens, medical monitors, medical MRI & X-ray scanners, and hearing aids, among others. As ECAs have the flexibility and fast curing properties along with high strength in bonding, these are being increasingly used in the bioscience industry.

“Acrylic based adhesives to experience maximum growth”

Acrylic based electrically conductive adhesives have good chemical, UV (ultra-violet) and shear resistance. They also have a wide temperature range from -40°F to 300°F, and a shelf life of about two years. These adhesives are used in various applications such as, electrical bonding and EMI (electromagnetic) shielding. Due to their excellent adhesion and fast curing nature, acrylic based electrically conductive adhesives are expected to experience the highest growth during the forecast period.

“Emerging economies are driving the growth of the global electrically conductive adhesives market”

The Asia-Pacific region has emerged as a lucrative market for smartphones, which make use of electrically conductive adhesives. China is the largest manufacturer of automobiles in the Asia-Pacific region, which has further increased the growth of ECAs in this region. In the rest of the world region, the demand for mobile handsets and computing devices is expected to increase in Saudi Arabia leading to the demand for ECAs in the consumer electronics application. •

In the process of determining and verifying the market size for several segments and sub segments gathered through secondary research, extensive primary interviews were conducted.

The breakdown of primary interviews is given below.

By Company Type - Tier 1 - 20%, Tier 2 – 32%, and Others - 48%

By Designation - C level - 18%, Director level - 27%, and Others - 55%

By Region - North America - 35%, Europe - 30%, Asia-Pacific - 20%, the Middle East & Africa - 10%, and South America - 5%

The key companies profiled in this market research report are Henkel AG & Co. KGaA (Germany), H.B. Fuller Company (U.S.), Master Bond Inc. (U.S.), Panacol-Elosol GmbH (Germany), Aremco Products, Inc. (U.S.), Dow Corning (U.S.), and 3M Company (U.S.).

## Research Coverage

This market is segmented on the basis of application, chemistry, filler material, type and region. In terms of application, automobiles held the largest market share, in terms of value. The biosciences application is projected to grow at the highest CAGR. The high growth is due to the increasing penetration of ECA usage in biosciences applications such as, medical monitors, hearing aids, medical X-ray scanners, among others. In terms of chemistry, the market is segmented into epoxy, acrylic, silicone, and polyurethane, among others. The acrylic based adhesives market is projected to grow at the highest rate due to the various beneficial properties such as, fast curing and good adhesion, and chemical resistance.

## Reasons to buy this report:

This research report is focused on various levels of analyses—industry trends, market share analysis of key players, supply chain analysis, and company profiles, which together comprise and discuss the overall views on the competitive landscape; emerging and high-growth segments of the electrically conductive adhesives market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on the top manufacturers in the global electrically conductive adhesives.

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product launches in the global electrically conductive adhesives market

**Market Development:** Comprehensive information about lucrative emerging markets – the report analyzes the global market for electrically conductive adhesives

**Market Diversification:** Exhaustive information about new products, untapped regions, recent developments, and investments in the global electrically conductive adhesives market

**Competitive Assessment:** In-depth assessment of market shares, strategies, products,

and manufacturing capabilities of the leading players in the electrically conductive adhesives market.

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVE OF THE STUDY
- 1.2 CURRENCY AND PRICING
- 1.3 MARKET DEFINITION
- 1.4 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
- 2.2 DATA TRIANGULATION
  - 2.2.1 RESEARCH ASSUMPTION

### **3 EXECUTIVE SUMMARY**

- 3.1 GLOBAL ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, 2015-2021
- 3.2 MARKET ATTRACTIVENESS ANALYSIS
- 3.3 APPLICATION SEGMENT ANALYSIS
- 3.4 ELECTRICALLY CONDUCTIVE ADHESIVES: MAJOR CHEMISTRIES USED BY KEY END-USE APPLICATIONS
- 3.5 MARKET POTENTIAL

### **4 PREMIUM INSIGHTS**

- 4.1 OPPORTUNITIES IN THE ELECTRICALLY CONDUCTIVE ADHESIVES MARKET
- 4.2 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET ATTRACTIVENESS
- 4.3 HIGH GROWTH POTENTIAL IN ASIA PACIFIC ELECTRICALLY CONDUCTIVE ADHESIVES MARKET

### **5 MARKET OVERVIEW**

- 5.1 INTRODUCTION
- 5.2 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET OVERVIEW, BY CHEMISTRY
- 5.3 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET OVERVIEW, BY APPLICATION
- 5.4 SELECTION PROCESS OF ELECTRICALLY CONDUCTIVE ADHESIVES

5.5 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, INDUSTRY SUPPLY CHAIN

5.6 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET OUTLOOK – SHORT TERM, MID TERM & LONG TERM OUTLOOK

5.7 MARKET DYNAMICS

## **6 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY APPLICATION**

6.1 INTRODUCTION

6.2 AUTOMOTIVE MARKET

6.3 CONSUMER ELECTRONICS MARKET

6.4 AEROSPACE MARKET

6.5 BIOSCIENCES MARKET

6.6 OTHERS MARKET

## **7 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY CHEMISTRY**

7.1 INTRODUCTION

7.2 EPOXY BASED ADHESIVE

7.2.1 EPOXY MARKET OVERVIEW

7.3 SILICONE BASED ADHESIVE

7.3.1 SILICONE MARKET OVERVIEW

7.4 ACRYLIC BASED ADHESIVE

7.4.1 ACRYLIC MARKET OVERVIEW

7.5 POLYURETHANE BASED ADHESIVE

7.5.1 POLYURETHANE MARKET OVERVIEW

7.6 OTHERS MARKET

7.6.1 OTHERS MARKET OVERVIEW

## **8 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY FILLER MATERIAL**

8.1 INTRODUCTION

8.2 SILVER FILLERS

8.3 COPPER FILLERS

8.4 CARBON FILLERS

8.5 OTHER FILLERS

## **9 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY MORPHOLOGY**

- 9.1 INTRODUCTION
- 9.2 ISOTROPIC CONDUCTIVE ADHESIVES
- 9.3 ANISOTROPIC CONDUCTIVE ADHESIVES

## **10 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY REGION**

- 10.1 NORTH AMERICA ELECTRICALLY CONDUCTIVE ADHESIVES MARKET
- 10.2 EUROPE ELECTRICALLY CONDUCTIVE ADHESIVES MARKET
- 10.3 ASIA-PACIFIC ELECTRICALLY CONDUCTIVE ADHESIVES MARKET
- 10.4 REST OF THE WORLD ELECTRICALLY CONDUCTIVE ADHESIVES MARKET

## **11 COMPANY PROFILES**

- 11.1 HENKEL AG & CO. KGAA
- 11.2 H.B. FULLER
- 11.3 MSATERBOND
- 11.4 PANACOL-ELOSOL GMBH
- 11.5 AREMCO PRODUCTS, INC.
- 11.6 DOW CORNING
- 11.7 THE 3M COMPANY

## **12 APPENDIX**

- 12.1 INSIGHTS FROM INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.4 MARKETSandMARKETS KNOWLEDGE STORE: SNAPSHOT
- 12.5 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 12.6 AVAILABLE CUSTOMIZATIONS
- 12.7 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

Table 1 MARKET ATTRACTIVENESS ANALYSIS

Table 2 APPLICATION SEGMENT ANALYSIS

Table 3 SELECTION OF CONDUCTIVE FILLERS

Table 4 REGIONAL-LEVEL ANALYSIS: AUTOMOTIVE APPLICATION MARKET (USD MILLION)

Table 5 REGIONAL-LEVEL ANALYSIS: AUTOMOTIVE APPLICATION MARKET (MT)

Table 6 REGIONAL-LEVEL ANALYSIS: CONSUMER ELECTRONICS APPLICATION MARKET (USD MILLION)

Table 7 REGIONAL-LEVEL ANALYSIS: CONSUMER ELECTRONICS APPLICATION MARKET (MT)

Table 8 REGIONAL-LEVEL ANALYSIS: AEROSPACE APPLICATION MARKET (USD MILLION)

Table 9 REGIONAL-LEVEL ANALYSIS: AEROSPACE APPLICATION MARKET (MT)

Table 10 REGIONAL-LEVEL ANALYSIS: BIOSCIENCES APPLICATION MARKET (USD MILLION)

Table 11 REGIONAL-LEVEL ANALYSIS: BIOSCIENCES APPLICATION MARKET (MT)

Table 12 REGIONAL-LEVEL ANALYSIS: OTHERS APPLICATION MARKET (USD MILLION)

Table 13 REGIONAL-LEVEL ANALYSIS: OTHERS APPLICATION MARKET (MT)

Table 14 COMPARISON OF ADHESIVE RESINS FOR ELECTRICALLY CONDUCTIVE ADHESIVES

Table 15 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY CHEMISTRY (USD MILLION)

Table 16 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY CHEMISTRY (MT)

Table 17 REGIONAL-LEVEL ANALYSIS: EPOXY CHEMISTRY MARKET (USD MILLION)

Table 18 REGIONAL-LEVEL ANALYSIS: EPOXY CHEMISTRY MARKET (MT)

Table 19 REGIONAL-LEVEL ANALYSIS: SILICONE CHEMISTRY MARKET (USD MILLION)

Table 20 REGIONAL-LEVEL ANALYSIS: SILICONE CHEMISTRY MARKET (MT)

Table 21 REGIONAL-LEVEL ANALYSIS: ACRYLIC CHEMISTRY MARKET (USD MILLION)

Table 22 REGIONAL-LEVEL ANALYSIS: ACRYLIC CHEMISTRY MARKET (MT)



Table 23 REGIONAL-LEVEL ANALYSIS: POLYURETHANE CHEMISTRY MARKET (USD MILLION)

Table 24 REGIONAL-LEVEL ANALYSIS: POLYURETHANE CHEMISTRY MARKET (MT)

Table 25 REGIONAL-LEVEL ANALYSIS: OTHERS CHEMISTRY MARKET (USD MILLION)

Table 26 REGIONAL-LEVEL ANALYSIS: OTHERS CHEMISTRY MARKET (MT)

## List Of Figures

### LIST OF FIGURES

- Figure 1 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET SEGMENTATION
- Figure 2 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET SEGMENTATION, BY REGION & COUNTRIES
- Figure 3 YEARS CONSIDERED FOR THE STUDY
- Figure 4 SOURCE CONSIDERED FOR THE STUDY
- Figure 5 DATA CONSIDERED FOR THE STUDY
- Figure 6 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: RESEARCH DESIGN
- Figure 7 BREAKDOWN OF PRIMARY INTERVIEWS
- Figure 8 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH
- Figure 9 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH
- Figure 10 RESEARCH ASSUMPTIONS
- Figure 11 GLOBAL ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY REGION, 2015-2021
- Figure 12 GLOBAL ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY CHEMISTRY, 2015-2021
- Figure 13 GLOBAL ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, BY APPLICATION, 2015-2021
- Figure 14 MARKET POTENTIAL
- Figure 15 USAGE IN BIOSCIENCE AND AEROSPACE INDUSTRY DRIVES THE MARKET
- Figure 16 AUTOMOTIVE INDUSTRY TO BE A DOMINANT APPLICATION IN ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, 2016–2021
- Figure 17 EPOXY TO BE THE DOMINANT CHEMISTRY USED IN THE ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, 2016–2021
- Figure 18 ASIA-PACIFIC TO REGISTER THE HIGHEST GROWTH BETWEEN 2016 AND 2021
- Figure 19 ASIA-PACIFIC TO REGISTER THE HIGHEST GROWTH BETWEEN 2016 AND 2021
- Figure 20 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: GLOBAL OVERVIEW (2015-16)
- Figure 21 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: GLOBAL OVERVIEW (2015-16), BY CHEMISTRY
- Figure 22 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: GLOBAL OVERVIEW (2015-16), BY APPLICATION
- Figure 23 TRADE-OFFS FOR ECA

Figure 24 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET, INDUSTRY SUPPLY CHAIN

Figure 25 MARKET DYNAMICS

Figure 26 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET SHARE, BY APPLICATION , 2015

Figure 27 AUTOMOTIVE MARKET SHARE, BY REGION, 2015

Figure 28 CONSUMER ELECTRONICS MARKET SHARE, BY REGION, 2015

Figure 29 AEROSPACE MARKET SHARE, BY REGION, 2015

Figure 30 BIOSCIENCES MARKET SHARE, BY REGION, 2015

Figure 31 OTHERS MARKET SHARE, BY REGION, 2015

Figure 32 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET SHARE, BY CHEMISTRY , 2015

Figure 33 EPOXY MARKET SHARE, BY REGION, 2015

Figure 34 SILICONE MARKET SHARE, BY REGION, 2015

Figure 35 ACRYLIC MARKET SHARE, BY REGION, 2015

Figure 36 POLYURETHANE MARKET SHARE, BY REGION, 2015

Figure 37 OTHERS MARKET SHARE, BY REGION, 2015

Figure 38 ELECTRICALLY CONDUCTIVE ADHESIVES: NORTH AMERICA

Figure 39 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: NORTH AMERICA (2015-16)

Figure 40 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: NORTH AMERICA (2015-16) , BY APPLICATION

Figure 41 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: NORTH AMERICA (2015-16) , BY CHEMISTRY

Figure 42 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: NORTH AMERICA (2015-2021)

Figure 43 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: EUROPE

Figure 44 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: EUROPE (2015-16)

Figure 45 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: EUROPE (2015-16) , BY APPLICATION

Figure 46 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: EUROPE (2015-16) , BY CHEMISTRY

Figure 47 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: NORTH EUROPE (2015-2021)

Figure 48 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: ASIA-PACIFIC

Figure 49 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: ASIA-PACIFIC (2015-16)

Figure 50 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: ASIA-PACIFIC (2015-16) , BY APPLICATION

Figure 51 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: ASIA-PACIFIC (2015-16) , BY CHEMISTRY

Figure 52 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: ASIA-PACIFIC (2015-2021)

Figure 53 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: REST OF THE WORLD

Figure 54 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: REST OF THE WORLD (2015-16)

Figure 55 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: REST OF THE WORLD (2015-16) , BY APPLICATION

Figure 56 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: REST OF THE WORLD (2015-16) , BY CHEMISTRY

Figure 57 ELECTRICALLY CONDUCTIVE ADHESIVES MARKET: REST OF THE WORLD (2015-2021)

## I would like to order

Product name: Electrically Conductive Adhesives Market by Type, Chemistry (Epoxy, Silicone, Acrylic, Polyurethane), Application (Automotive, Aerospace, Consumer Electronics, Biosciences), Filler Material - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/E562A8D3147EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E562A8D3147EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970